

Sample Image File..Size on disk: Less than 2 KB.

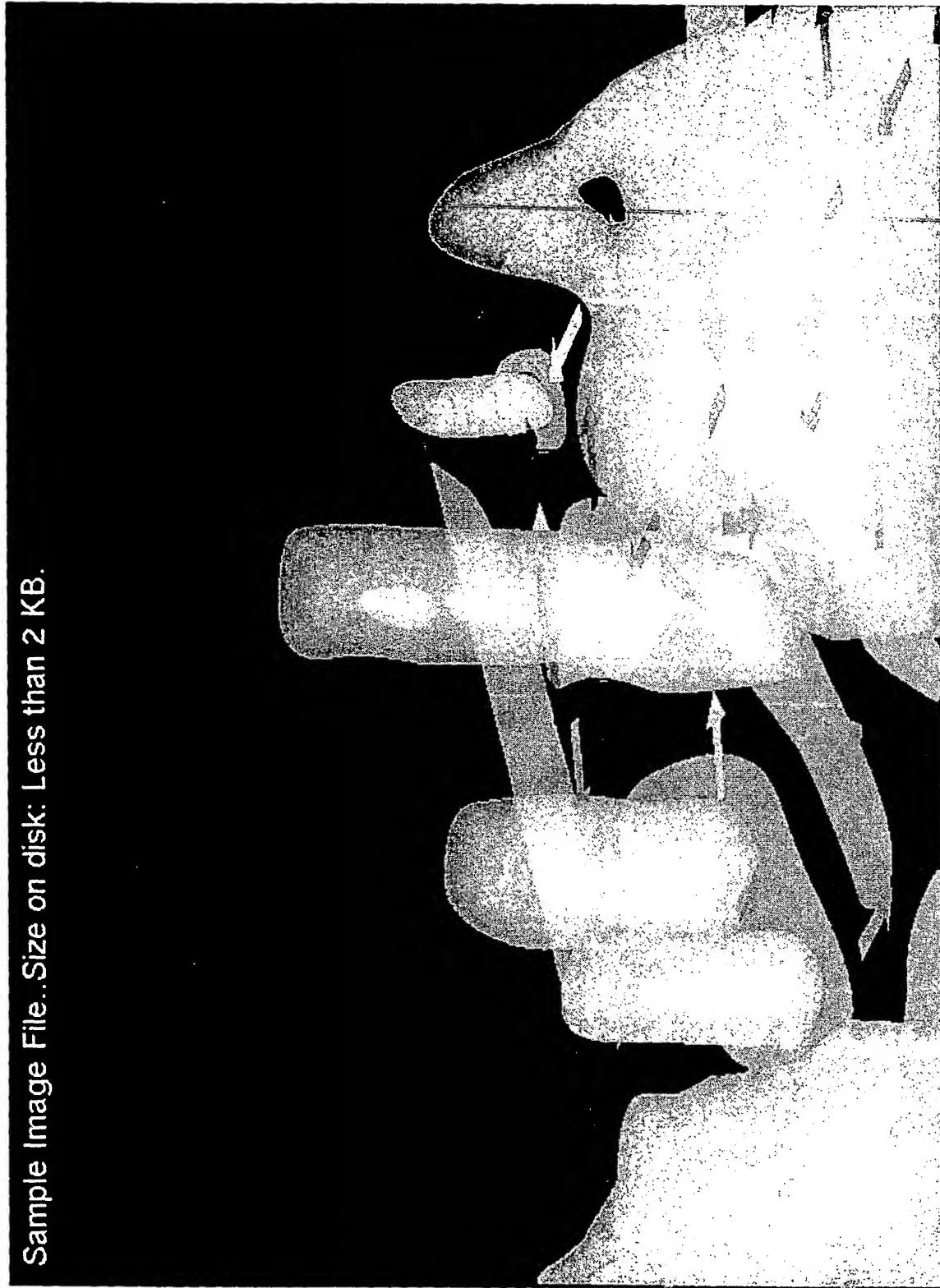


FIG. 1

Put on Abstract Level

Analyze the image in terms of perceptual constructs of the human visual system, i.e., define it in terms of abstractions like squares, circles, gradients, rotations, etc.

Pattern search on Abstract Level

Search for patterns among these abstractions, in terms of which the image is now described. This is likely done ahead of time by a person. E.g., note that some arrows always bear similar structure but are rotated differently.

Compression on Abstract Level

For a given image that is in the same 'class' as the above image, re-represent the image by describing it as a collection of parameterized patterns.

Compression on Less Abstract Level

Take the resulting description outside of the context of abstract patterns, and look for redundancy in the description itself, e.g., look for repeated numbers.

FIG. 2

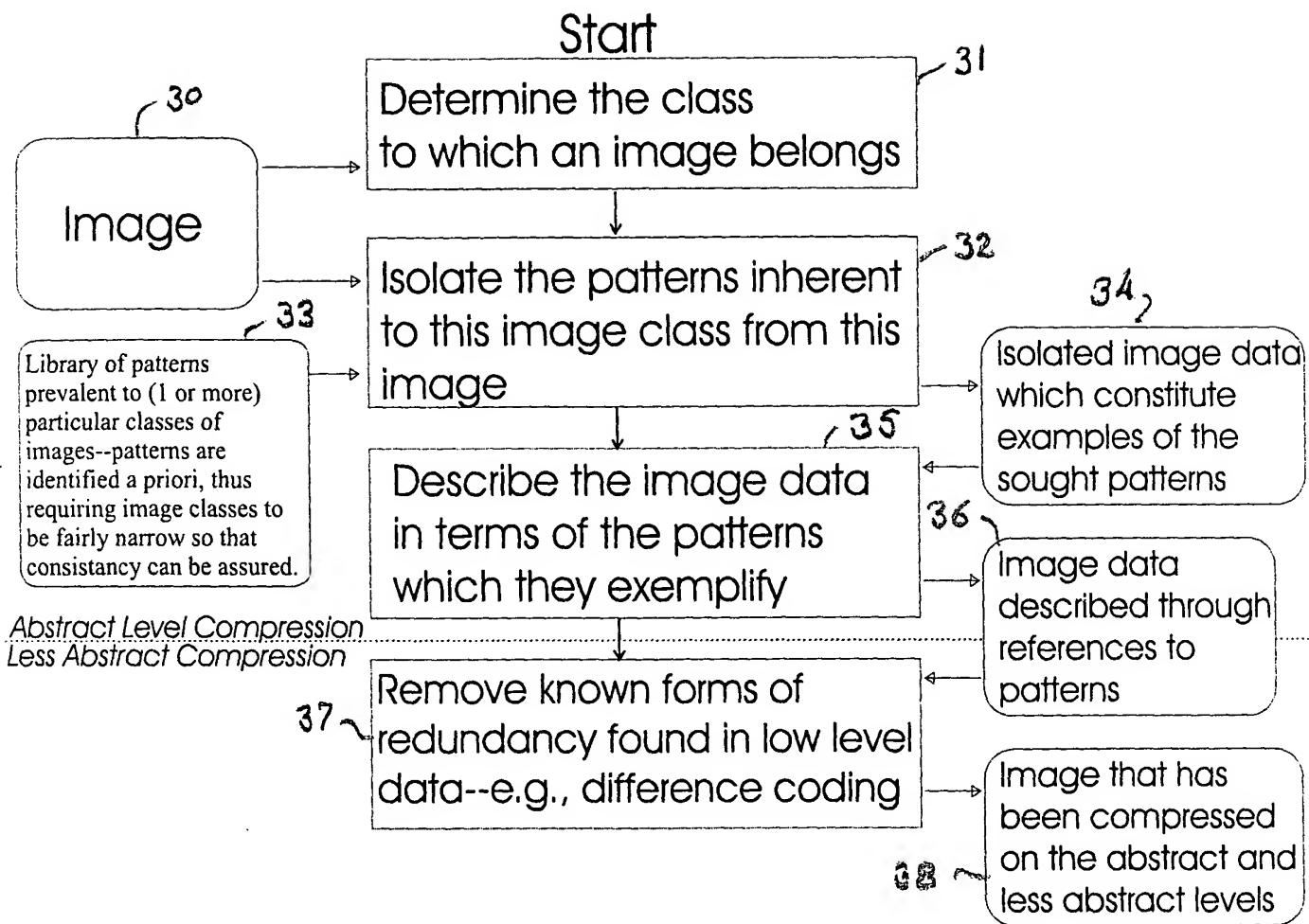
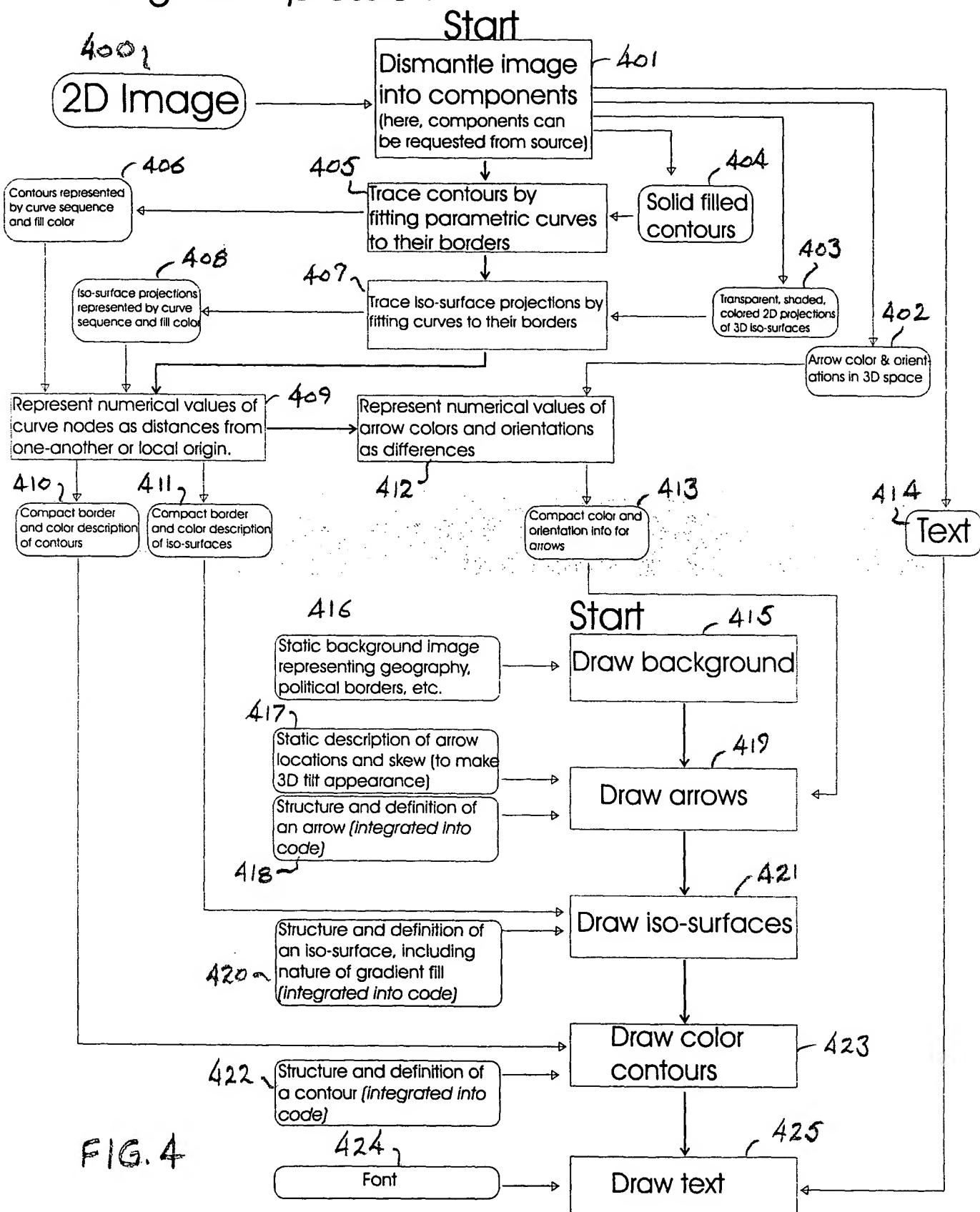


FIG.3

Encoding "Compression"



Reproduction "Decompression"

FIG. 5

